Alvin	36
Amarillo	7, *8, 10, 15, 19
Arlington	42
Austin	7, 21, *22, 33, 43, 49
Baytown	41
Beaumont	12, 21, *33
Belton	46
Big Spring	33
Blanco	18
Borger	31
Brownsville	24
Bryan	28, 50
College Station	*12
Conroe	32, 42
Corpus Christi	8, 10, 13, *23, 27, 38
Dallas	8, *14, 32, 35, 36, 40, 45
Decatur	30
Del Rio	28
Denton	*43
Eagle Pass	18
El Paso	7, 9, *13, 15, 18, 25, *39, 51
Farwell	18
Fort Worth	9, 11, 18, 41
Fredericksburg	5
Galveston	*23, 48
Garland	23
Greenville	46
Harlingen	31, *34, 38
Houston	*8, 11, 13, 19, *24, 26, 35, 38, 44
Irving	48
Jacksonville	22
Katy	47
Kerrville	32
Killeen	13
Lake Dallas	39
Laredo	8, 13, 19
Llano	27
Longview	31, 38
Lubbock	11, 16, 27, 35, *39, 40
Lufkin	9
Mcallen	49
Midland	18, 26
Nacogdoches	18
Odessa	7, 9, 23, 30, *38, 42
Port Arthur	40
Rio Grande City	20
Rosenberg	45
San Angelo	11, 16, 19
San Antonio	*9, 12, *16, 30, 38, 39, 41, 48,
Sherman	12
Snyder	17
Sweetwater	20

Temple	9
Texarkana	15
Tyler	7
Uvalde	26
Victoria	11, 15
Waco	10, *20, 26, 44
Weslaco	13
Wichita Falls	15, 22, 28
Wolfforth	**43**

UTAH

Community	Channel No.
Cedar City	14
Logan	12
Ogden	24, *36, 48
Price	11
Provo	29, 32, *44
Richfield	*19
Salt Lake City	13, 20, 34, 38, 40, *42, 46
St. George	9, *18
Vernal	16

VERMONT

Community	Channel No.
Burlington	13, 22, *32, 43
Hartford	25
Rutland	*9
St. Johnsbury	*18
Windsor	*24

VIRGINIA

Community	Channel No.
Arlington	15
Ashland	47
Bristol	5
Charlottesville	19, 32, *46
Danville	24
Fairfax	*24
Front Royal	*21
Goldvein	*30
Grundy	49
Hampton	13
Hampton Norfolk	*16
Harrisonburg	49
Lynchburg	13, 20
Manassas	34

Marion	*42
Norfolk	33, 40, 46
Norton	*32
Petersburg	22
Portsmouth	31, 50
Richmond	12, 25, 26, *42, *44
Roanoke	*3, 17, 18, 30, 36
Staunton	*11
Virginia Beach	23, 29

WASHINGTON

Community	Channel No.
Bellevue	33, 50
Bellingham	19, 35
Centralia	*19
Everett	31
Kennewick	44
Pasco	18
Pullman	*10, 24
Richland	26, *38
Seattle	*9, 25, 38, 39, 44, 48
Spokane	7, *8, 13, 20, 28, 34, 36
Tacoma	11, 13, 14, *27, *42
Vancouver	30
Walla Walla	9
Yakima	14, 16, *21, 33

WEST VIRGINIA

Community	Channel No.
Bluefield	40, 46
Charleston	19, 39, 41
Clarksburg	10, 12
Grandview	*10
Huntington	13, 23, *34
Lewisburg	8
Martinsburg	12
Morgantown	*33
Oak Hill	**50**
Parkersburg	49
Weston	5
Wheeling	7

WISCONSIN

Community	Channel No.
Antigo	46
Appleton	27

Chippewa Falls	49
Crandon	12
Eagle River	28
Eau Claire	13, 15
Fond Du Lac	44
Green Bay	11, 23, 39, 41, *42
Janesville	32
Kenosha	40
La Crosse	8, 14, 17, *30
Madison	11, 19, *20, 26, 50
Mayville	43
Menomonie	*27
Milwaukee	*8, 18, 22, 25, 28, 33, 34, *35, 46
Park Falls	*36
Racine	48
Rhinelander	16
Superior	19
Suring	21
Wausau	7, 9, *24
Wittenberg	50

WYOMING

Community	Channel No.
Casper	*6, 12, 14, 17, 20
Cheyenne	11, 27, 30
Jackson	2, 11
Lander	7, *8
Laramie	*8
Rawlins	9
Riverton	10
Rock Springs	23
Sheridan	7, 13

GUAM

Community	Channel No.
Agana	8, 12
Tamuning	14

PUERTO RICO

Community	Channel No.
Aguada	50
Aguadilla	12, 17, *34
Arecibo	14, 46
Bayamon	30
Caguas	11, *48
Carolina	51

Fajardo	13, *16, 33
Guayama	45
Humacao	49
Mayaguez	22, 23, 29, 35
Naranjito	18
Ponce	7, 9, 15, 19, *25, 47
San Juan	21, 27, 28, 31, 32, *43
San Sebastian	39
Yauco	41

VIRGIN ISLANDS

Community	Channel No.
Charlotte Amalie	17, 43, *44
Christiansted	15, 20, 23

APPENDIX B

PROPOSED DTV TABLE OF ALLOTMENTS INFORMATION

The table in this appendix presents the Commission's assignments of DTV channel allotments to individual broadcast television stations for post-transition DTV operations. It sets forth the technical facilities – effective radiated power, antenna height above average terrain, and antenna identification code – and transmitter site for which each TV station would be authorized on its post-transition channel. The table also provides information on stations' predicted service coverage and the percentage of their service population that would be affected by interference received from other DTV stations. The channels here are the same as those the Commission is including in the new DTV Table of Allotments (DTV Table), codified in Section 73.622(i) of the rules (*see* Appendix A.).

The table includes a DTV channel assignment for all television stations that are eligible under the qualifying criteria, set forth in the *Second DTV Periodic Report and Order* and reiterated in the discussion above. The technical facilities parameters, which were also used for calculation of the tabulated engineering information, were developed in the three-round channel election process that the Commission conducted to create the proposed DTV Table, in some cases modified in response to comments filed in this proceeding. These technical facilities data are also available in an EXCEL format at http://www.fcc.gov/dtv.

Data Elements

Facility ID: A five-digit code for identification of TV or DTV stations associated with channel allotments. A unique code is assigned to each station at the time the Commission first receives an application for a construction permit for that station and does not change, even where the license for the station changes ownership or major changes are made to the station, such as a change of channel or community.

City and State: The city and state to which the channel is allotted and the station is licensed to serve.

NTSC Channel: The station's current analog (NTSC) channel. This field is left blank in the case of stations that are only licensed to operate digital television service. If a station currently operates only an analog channel, that analog channel will appear in this field. Note: Stations must cease analog operations at the end of the DTV transition on February 17, 2009. *See* 47 U.S.C. § 309(j)(14)(A).

DTV Channel: The channel assigned for the station's post-transition DTV operation.

DTV Power: The effective radiated power (ERP) for the station's post-transition DTV operation. This value is the ERP specified for the station's post-transition operation in the channel election process or modified in response to comments in this proceeding. Accordingly, the ERP may be the station's: (1) currently authorized ERP, (2) 1997 service replication ERP, (3) other allowable value to which it agreed to operate to resolve a conflict or as part of a negotiated agreement in the channel election process; or (4) in cases where a station's assigned DTV channel is not its current DTV channel, a value determined by the Commission that will enable the station to provide coverage of the station's service area as specified in the channel election process. The value shown is the maximum, over a set of uniformly spaced compass directions, of the ERP values used in determining the station's specified noise-limited DTV service contour. This value is used in the calculations of service and interference also shown herein.

In cases where the TV Engineering Database indicated employment of a directional antenna, the ERP in each specific direction was determined through linear interpolation of the relative field values describing the directional pattern. (The directional pattern stored in the FCC computer database provides relative

field values at 10 degree intervals and may include additional values in special directions. The result of linear interpolation of these relative field values is squared and multiplied by the overall maximum ERP listed for the station in the TV Engineering Database to find the ERP in a specific direction.)

Where a station's ERP was determined by the Commission, it was calculated using the following methodology. First, the distance to the station's noise-limited DTV contour (or Grade B contour for stations that do not have a DTV channel) was determined in each of 360 uniformly spaced compass directions starting from true north. This determination was made using information in the engineering database, including directional antenna data, and using terrain elevation data at points separated by 3 arc-seconds of longitude and latitude, in conjunction with the FCC F(50,90) curves. The FCC curves (47 C.F.R. §73.699) were applied in the usual way, as described in 47 C.F.R. §73.684, to find this noise-limited contour distance, with the exception that dipole factor considerations were applied to the field strength contour specified in 47 CFR §73.683 for UHF channels.

The station's post-transition DTV ERP was then calculated by a further application of FCC curves, with noise-limited DTV coverage defined as the presence of field strengths of 28 dBu, 36 dBu, and 41 dBu as set forth in Section 73.622(e) of the rules, respectively for low-VHF, high-VHF and UHF, at 50 percent of locations and 90 percent of the time. The family of FCC propagation curves for predicting field strength at 50 percent of locations 90 percent of the time is found by the formula F(50, 90) = F(50, 50) - [F(50, 10) - F(50, 50)]. That is, the F(50, 90) value is lower than F(50, 50) by the same amount that F(50, 10) exceeds F(50, 50). At UHF, the precise value 41 dBu was applied for channel 38; and the value used for other UHF channels is 41 dBu plus a dipole factor modification. This results in reception on channel 14 needing 2.3 dB less, and channel 69 needing 2.3 dB more, than the 41 dBu for channel 38. The dipole factor modification used in ERP calculations is equal to 20 times $\log_{10}$ of the ratio of the center frequency of the UHF channel of interest to the center frequency of channel 38.

In general, these computations of a station's DTV power on a new channel to match the distance to its noise-limited contour result in ERP values which vary with azimuth. For example, the azimuthal ERP pattern that replicates for a UHF channel, the noise-limited contour of an omnidirectional VHF operation will be somewhat different because terrain has a different effect on propagation in the two bands. Thus, the procedure described here effectively derives a new directional antenna pattern wherever necessary for a precise match according to FCC curves.

Finally, the ERP specified for a station's new UHF DTV channel was limited so that it does not exceed 1 megawatt. This was done by scaling the azimuthal power pattern rather than by truncation. For example, if replication by FCC curves as described above requires an ERP of 1.2 megawatts, the power pattern is reduced by a factor of 1.2 in all directions. The azimuthal pattern is used in subsequent service and interference calculations for the station.

Antenna Height: The height of the station's transmitting antenna above average terrain, that is, antenna height above average terrain (antenna HAAT). In general, the antenna HAAT value shown for each station is the same as that specified for the station in the channel election process. This value represents the height of the radiation center of the station whose service area is being replicated, above terrain averaged from 3.2 to 16.1 kilometers (2 to 10 miles) from the station's transmitter site, over 8 evenly spaced radials. In computations of service coverage and interference, the value of antenna HAAT was determined every 5 degrees directly from the terrain elevation data, and by linear interpolation for compass directions in between.

Antenna ID: A six digit number that identifies the radiation pattern for the station's transmitting antenna that is stored in the Commission's Consolidated Database System (CDBS). In cases where a station's post-transition channel is the same as its currently assigned DTV channel, the station's antenna pattern is the same as its certified facilities antenna. In other cases, such as where a station chose its analog channel

or a different channel, or where the Commission's staff selected a "best available" channel for the station's post-transition operation, the antenna pattern for the station was developed by our computer software to allow the station to replicate the coverage area reached by operation at its certified facilities on its proposed channel (i.e., the station's TCD from the channel election process); or the station has indicated that it would use a particular antenna for its post-transition operation in the channel election process, the station's antenna pattern is the same as specified in Schedule B of FCC Forms 383 and 385. These antenna patterns are used in the calculation of service area and interference. The CDBS can be accessed on the Internet at www.fcc.gov/mb/cdbs.html.

Transmitter Latitude: The geographic latitude coordinates of the station's transmitter location.

Transmitter Longitude: The geographic longitude coordinates of the station's transmitter location.

Service Area, Service Population, and Percent Interference Received: Under the heading "DIGITAL TELEVISION SERVICE AFTER THE TRANSITION," prospective conditions are evaluated in terms of both area and population. The values tabulated under this heading are net values: service area is the area within a station's noise-limited service contour where the desired signal is above the DTV noise threshold, less the area where service receives predicted interference from other DTV stations. Similarly, the number of people served is the population within a station's noise-limited service contour receiving an adequate signal relative to noise excluding people in areas with predicted interference. The level of interference received to a station's service is calculated based on desired-to-undesired (D/U) ratios, and these levels must be above certain threshold values for acceptable service. The percent interference received value is the percentage of the station's service coverage within its noise-limited service contour that is affected by predicted interference from other DTV stations. The threshold values used to prepare the interference estimates in this appendix are those set forth in Section 73.623(c) of the rules, 47 C.F.R. § 73.623(c). The procedure used to identify areas of service and interference is that specified in *OET Bulletin No. 69*. See OET Bulletin No. 69, Longley-Rice Methodology for Evaluating TV Coverage and Interference, February 6, 2004 ("*OET Bulletin No. 69*"), available at www.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins/oet69/oet69.pdf.

[Note: DTV Table of Allotments Information is attached separately in Microsoft Excel format.]

y	State and City		NTSC	DTV								
			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDDMMSS)	Area (sq km)	Population (thousand)	% Int Re
38	AK	ANCHORAGE	5	5	45	277		612010	1493046	45353	348	
04	AK	ANCHORAGE	7	8	50	240	67898	612522	1495220	26532	317	
73	AK	ANCHORAGE	2	10	21	240	67943	612522	1495220	22841	317	
5	AK	ANCHORAGE	13	12	41	240	65931	612522	1495220	25379	317	
55	AK	ANCHORAGE	4	20	234	55	74791	611311	1495324	10885	302	
93	AK	ANCHORAGE	9	26	1000	212	74792	610402	1494436	23703	323	
52	AK	ANCHORAGE	11	28	28.9	61	73156	611133	1495401	7254	292	
71	AK	ANCHORAGE	33	32	50	33	74793	610957	1494102	8943	287	
3	AK	BETHEL	4	3	1	61		604733	1614622	10324	9	
97	AK	FAIRBANKS	7	7	3.2	214	74449	645520	1474255	11355	82	
5	AK	FAIRBANKS	9	9	3.2	152	80229	645442	1474638	6873	82	
1	AK	FAIRBANKS	11	11	3.2	1	74991	645036	1474248	5673	82	
3	AK	FAIRBANKS	2	18	16	230		645520	1474249	10344	82	
1	AK	JUNEAU	3	10	1	1		581756	1342407	4249	30	
4	AK	JUNEAU	8	11	0.14	1		581805	1342626	2239	30	
0	AK	KETCHIKAN	4	13	3.2	1	29997	552059	1314012	4355	15	
5	AK	NORTH POLE	4	20	50	5		644532	1471926	6209	82	
9	AK	SITKA	13	7	3.2	1	80181	570301	1352004	6048	8	
2	AL	ANNISTON	40	9	15.6	359	39744	333624	862503	24554	1437	
5	AL	BESSEMER	17	18	350	675	44013	332851	872403	37533	1549	
7	AL	BIRMINGHAM	10	10	3	426		332904	864825	22745	1363	
3	AL	BIRMINGHAM	13	13	16.9	408	75054	332926	864748	31517	1646	
0	AL	BIRMINGHAM	42	30	1000	426	43265	332904	864825	31006	1687	
0	AL	BIRMINGHAM	68	36	885	406	68103	332904	864825	28264	1553	
1	AL	BIRMINGHAM	6	50	1000	420	74797	332919	864758	33118	1692	
0	AL	DEMOPOLIS	41	19	1000	324	60739	322145	875204	26322	330	
6	AL	DOTHAN	18	21	1000	205		311425	851843	23559	436	
2	AL	DOTHAN	4	36	995	573		305510	854428	43948	886	
4	AL	DOZIER	2	10	3.2	393		313316	862332	23623	353	
8	AL	FLORENCE	15	14	1000	431	66619	350009	870809	30337	1112	
6	AL	FLORENCE	26	20	50	230	74798	343438	874657	15572	355	
5	AL	FLORENCE	36	22	556	202		343441	874702	20778	544	
2	AL	GADSDEN	60	26	150	315	29932	334853	862655	17744	1379	
2	AL	GADSDEN	44	45	225	309	43164	335327	862813	17536	1350	

y	State and City		NTSC	DTV								
			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDDMMSS)	Area (sq km)	Population (thousand)	% Int Re
3	AL	GULF SHORES	55	25	64.5	308	74787	303640	873626	15544	932	
8	AL	HOMEWOOD	21	28	765	427	68108	332904	864825	30801	1663	
3	AL	HUNTSVILLE	19	19	40.7	514		344419	863156	23609	992	
3	AL	HUNTSVILLE	25	24	396	340		344413	863145	27052	1092	
2	AL	HUNTSVILLE	31	32	468	538	67239	344412	863159	32626	1301	
9	AL	HUNTSVILLE	54	41	400	518	43864	344412	863159	29827	1213	
1	AL	HUNTSVILLE	48	49	41	552		344239	863207	22282	936	
0	AL	LOUISVILLE	43	44	925	262	59887	314304	852603	18777	337	
3	AL	MOBILE	10	9	29	381		304117	874754	34970	1203	
6	AL	MOBILE	15	15	510	558	74580	303640	873627	35481	1282	
7	AL	MOBILE	21	20	105	529	70813	303640	873627	23682	1116	
0	AL	MOBILE		23	337	574	75124	303645	873843	37989	1283	
7	AL	MOBILE	5	27	1000	581	74800	304120	874949	45411	1406	
1	AL	MOBILE	42	41	199	185		303933	875333	16361	912	
3	AL	MONTGOMERY	12	12	24.9	507	74369	315828	860944	31615	788	
2	AL	MONTGOMERY	20	16	1000	518	29552	315828	860944	37703	829	
6	AL	MONTGOMERY	26	27	568	176		322255	861733	18025	549	
7	AL	MONTGOMERY	32	32	199	545	75049	320830	864443	28378	579	
9	AL	MONTGOMERY	45	46	500	308	28430	322413	861147	21909	641	
1	AL	MOUNT CHEAHA	7	7	24.1	610	80203	332907	854833	42633	2370	
3	AL	OPELIKA	66	47	136	539	74487	321916	844728	24321	662	
1	AL	OZARK	34	33	15	151	68078	311228	853649	8868	244	
2	AL	SELMA	29	29	1000	408	32810	323227	865033	26741	621	
1	AL	SELMA	8	42	787	507		320858	864651	38739	722	
7	AL	TROY	67	48	50	345	30182	320336	855701	14891	479	
6	AL	TUSCALOOSA	23	23	50	266	74752	330315	873257	16640	407	
8	AL	TUSCALOOSA	33	33	160	625	70330	332848	872550	30987	1357	
7	AL	TUSKEGEE	22	22	100	325	74464	320336	855702	17790	532	
8	AR	ARKADELPHIA	9	13	7.3	320		335426	930646	22157	299	
4	AR	CAMDEN	49	49	68.1	175	74782	331619	924212	13417	146	
2	AR	EL DORADO		10	6	541	80186	330441	921341	26324	442	
2	AR	EL DORADO	10	27	823	582		330441	921341	43407	631	
4	AR	EL DORADO	43	43	206	530	74776	330441	921341	26259	446	
3	AR	EUREKA SPRINGS	34	34	87.1	213	75069	362630	935825	12963	442	

ty	State and City		NTSC	DTV								
			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDDMMSS)	Area (sq km)	Population (thousand)	% In R
67	AR	FAYETTEVILLE	13	9	19	501		354853	940141	35150	889	
54	AR	FAYETTEVILLE	29	15	180	266		360057	940459	19569	560	
69	AR	FORT SMITH	5	18	550	286		354949	940924	25959	736	
53	AR	FORT SMITH	40	21	325	602		350415	944043	33811	525	
60	AR	FORT SMITH	24	27	200	305	41354	354236	940815	19234	627	
14	AR	HARRISON	31	31	191	339	75064	364218	930345	18376	533	
08	AR	HOT SPRINGS	26	26	66.4	258	74370	342221	930247	13726	250	
38	AR	JONESBORO	8	8	18	531		355322	905608	39540	689	
69	AR	JONESBORO	19	20	50	310		355414	904614	18806	312	
34	AR	JONESBORO	48	48	982	295	75036	353616	903118	24784	1386	
70	AR	LITTLE ROCK	2	7	8.06	548	74338	342631	921303	30372	952	
37	AR	LITTLE ROCK	11	12	55	519		344757	922959	43098	1128	
43	AR	LITTLE ROCK	7	22	750	574		342824	921210	43307	1087	
51	AR	LITTLE ROCK	16	30	1000	449	40344	344757	922929	32289	1043	
40	AR	LITTLE ROCK	4	32	989	474	29656	344757	922959	37939	1084	
67	AR	LITTLE ROCK	36	36	50	394	74768	344756	922945	16626	809	
05	AR	LITTLE ROCK	42	44	1000	485	59098	344745	922944	31868	1038	
77	AR	MOUNTAIN VIEW	6	13	4.05	407	66439	354847	921724	20280	260	
07	AR	PINE BLUFF	25	24	725	356	40413	343155	920241	24562	845	
12	AR	PINE BLUFF	38	39	1000	590	40345	342631	921303	34162	1006	
57	AR	ROGERS	51	50	1000	267		362447	935716	23556	643	
47	AR	SPRINGDALE	57	39	316	114	40726	361107	941749	12789	422	
41	AZ	DOUGLAS	3	36	1000	9	74708	312208	1093145	10673	34	
49	AZ	FLAGSTAFF	2	2	7.25	465	74450	345806	1113028	33788	270	
17	AZ	FLAGSTAFF	13	13	19.6	474	74998	345805	1113029	29913	203	
49	AZ	FLAGSTAFF	4	18	726	487	74804	345804	1113030	34193	227	
04	AZ	FLAGSTAFF	9	32	1000	343	72238	345806	1113029	26812	213	
27	AZ	GREEN VALLEY	46	46	70.8	1095	74581	322454	1104256	26056	802	
91	AZ	HOLBROOK	11	11	3.2	54	74722	345505	1100825	8819	16	
53	AZ	KINGMAN	6	19	1000	585	74805	350157	1142156	30420	175	
86	AZ	MESA	12	12	22	543	74517	332000	1120348	33724	3236	
28	AZ	PHOENIX	8	8	30.7	527	75007	332000	1120349	35929	3239	
87	AZ	PHOENIX	10	10	22.2	558	74488	332003	1120343	34519	3236	
40	AZ	PHOENIX	15	15	218	509		332000	1120346	28668	3229	

y	State and City		NTSC	DTV								
			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDDMMSS)	Area (sq km)	Population (thousand)	% In Re
3	AZ	PHOENIX	5	17	1000	507	67336	332002	1120340	31756	3237	
8	AZ	PHOENIX	21	20	500	489		332002	1120342	30913	3232	
3	AZ	PHOENIX	3	24	1000	501	43557	332001	1120345	31415	3234	
6	AZ	PHOENIX	45	26	1000	517	33195	332001	1120332	32353	3237	
5	AZ	PHOENIX	33	33	196	510	74503	332000	1120346	22493	3226	
8	AZ	PHOENIX	39	39	50	538	80243	332003	1120338	17660	3209	
3	AZ	PHOENIX	61	49	531	497	43560	332002	1120344	24945	3227	
1	AZ	PRESCOTT	7	7	3.2	850	74984	344115	1120701	24427	266	
5	AZ	SIERRA VISTA	58	44	1000	319	65401	314532	1104803	18972	893	
5	AZ	TOLLESON	51	51	197	546		332003	1120338	25018	3227	
8	AZ	TUCSON	9	9	9.23	1134	74508	322454	1104259	39703	999	
8	AZ	TUCSON	18	19	480	1123	59934	322456	1104250	37731	924	
5	AZ	TUCSON	4	23	405	1123	68106	322456	1104250	35035	914	
2	AZ	TUCSON	11	25	480	1123	64314	322456	1104250	35738	911	
2	AZ	TUCSON	27	28	50	178	42999	321253	1110021	8550	831	
1	AZ	TUCSON	6	30	668	1092		322455	1104251	45415	983	
3	AZ	TUCSON	13	32	108	1123	43979	322456	1104250	25662	807	
1	AZ	TUCSON	40	40	396	621	74564	321456	1110658	22249	933	
9	AZ	YUMA	11	11	22.3	468	74556	330310	1144940	34281	326	
9	AZ	YUMA	13	16	510	475	74806	330317	1144934	28310	324	
8	CA	ANAHEIM	56	32	1000	949	42876	341335	1180358	33879	15062	
3	CA	ARCATA	23	22	50	510	74807	404336	1235818	20016	120	
4	CA	AVALON	54	47	350	937	66764	341337	1180357	31249	14695	
8	CA	BAKERSFIELD	23	10	4.6	1128	74808	352714	1183537	23144	841	
9	CA	BAKERSFIELD	17	25	135	405	44570	352617	1184422	18738	698	
8	CA	BAKERSFIELD	29	33	110	1128	27939	352711	1183525	24592	992	
0	CA	BAKERSFIELD	45	45	210	387	74619	352620	1184424	16819	697	
5	CA	BARSTOW	64	44	1000	596		343634	1171711	27479	1578	
5	CA	BISHOP	20	20	50	928	74744	372443	1181106	16923	23	
7	CA	CALIPATRIA	54	36	155	476	75040	330302	1144938	20044	318	
9	CA	CERES	23	15	15	172		372934	1211329	11349	1202	
5	CA	CHICO	24	24	331	537		401531	1220524	28699	422	
8	CA	CHICO	12	43	1000	396	74809	395730	1214248	25916	597	
2	CA	CLOVIS	43	43	283	642		364446	1191657	31884	1452	

y	State and City		NTSC	DTV								
			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDDMMSS)	Area (sq km)	Population (thousand)	% Int Re
3	CA	CONCORD	42	14	50	942	80194	375254	1215505	29972	8383	
3	CA	CORONA	52	39	54	912	41582	341248	1180341	21797	14149	
5	CA	COTATI	22	23	110	628	68181	382054	1223438	23262	4471	
8	CA	EL CENTRO	9	9	19.5	414	75031	330319	1144944	31675	325	
0	CA	EL CENTRO	7	22	1000	477	36690	330302	1144938	33284	325	
2	CA	EUREKA	3	3	8.39	503	74390	404352	1235706	35110	149	
5	CA	EUREKA	13	11	40	550		404338	1235817	39817	149	
0	CA	EUREKA	6	17	30	550	44483	404339	1235817	17975	118	
8	CA	EUREKA	29	28	119	381	28858	404336	1235826	15820	121	
8	CA	FORT BRAGG	8	8	44.9	733	74379	394138	1233443	38724	143	
4	CA	FRESNO	53	7	38	560	29423	370423	1192552	33624	1631	
0	CA	FRESNO	30	30	182	614	74349	370437	1192601	22934	1437	
4	CA	FRESNO	47	34	185	577	44959	370414	1192531	24853	1422	
4	CA	FRESNO	24	38	326	601	69073	370419	1192548	28138	1466	
3	CA	FRESNO	18	40	250	698	67432	364445	1191651	29501	1441	
9	CA	HANFORD	21	20	350	580	29793	370422	1192550	28070	1509	
8	CA	HUNTINGTON BEACH	50	48	1000	949	65049	341335	1180357	35188	15139	
8	CA	LONG BEACH	18	18	111	889	75204	341250	1180340	19277	14109	
2	CA	LOS ANGELES	7	7	11.2	978	74603	341337	1180358	37164	15562	
2	CA	LOS ANGELES	9	9	12	951	69629	341338	1180400	34447	15439	
8	CA	LOS ANGELES	11	11	40.2	902	74702	341329	1180348	40526	15807	
2	CA	LOS ANGELES	13	13	14.1	899	74704	341342	1180402	36927	15505	
8	CA	LOS ANGELES	28	28	107	913	70604	341326	1180343	21994	14312	
0	CA	LOS ANGELES	5	31	1000	954	32823	341336	1180356	42312	15543	
3	CA	LOS ANGELES	34	34	392	956	74509	341336	1180359	31607	15014	
6	CA	LOS ANGELES	4	36	711	984	74810	341332	1180352	41039	15464	
0	CA	LOS ANGELES	58	41	162	901	41475	341326	1180345	22058	13992	
1	CA	LOS ANGELES	22	42	486	892	42167	341248	1180341	24724	14376	
8	CA	LOS ANGELES	2	43	300	947	69117	341338	1180400	31477	14815	
8	CA	MERCED	51	11	58	575	75200	370419	1192549	35621	1691	
9	CA	MODESTO	19	18	500	555	36726	380707	1204327	29812	3331	
1	CA	MONTEREY	67	31	50	701	29629	364523	1213005	14541	1065	
9	CA	MONTEREY	46	32	46	758	44481	363205	1213714	16387	761	
3	CA	NOVATO	68	47	1000	402	28688	380900	1223531	15940	5258	

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3	CA	OAKLAND	2	44	811	433	74637	374519	1222706	23024	6336	
9	CA	ONTARIO	46	29	400	937	68117	341336	1180359	32827	14946	
4	CA	OXNARD	63	24	85	533	40843	341949	1190124	16934	2418	
7	CA	PALM SPRINGS	42	42	50	219	72090	335158	1162602	7331	372	
9	CA	PALM SPRINGS	36	46	50	207	74811	335200	1162556	7220	371	
5	CA	PARADISE	30	20	661	448	27908	395750	1214238	23929	576	
2	CA	PORTERVILLE	61	48	197	804	38116	361714	1185017	27716	1741	
3	CA	RANCHO PALOS VERDES	44	51	1000	937	65079	341335	1180357	33638	15007	
1	CA	REDDING	7	7	11.6	1106	74504	403610	1223900	38353	371	
5	CA	REDDING	9	9	9.69	1097	74412	403609	1223901	37993	370	
1	CA	RIVERSIDE	62	45	670	907	74510	341250	1180340	31637	15069	
5	CA	SACRAMENTO	6	9	19.2	567	74604	381618	1213018	33919	5291	
8	CA	SACRAMENTO	10	10	16.6	595	74695	381424	1213003	37093	6313	
9	CA	SACRAMENTO	31	21	850	581		381554	1212924	39963	6384	
5	CA	SACRAMENTO	3	35	1000	591	74812	381554	1212924	37884	5024	
5	CA	SACRAMENTO	40	40	765	581	70334	381618	1213018	31502	4587	
3	CA	SACRAMENTO	29	48	1000	489	44981	381554	1212924	30324	4218	
3	CA	SALINAS	8	8	19.2	736	70343	364523	1213005	28847	2561	
7	CA	SALINAS	35	13	19.8	720	44925	364522	1213006	23793	1122	
5	CA	SAN BERNARDINO	24	26	440	529		335757	1171705	20478	13150	
8	CA	SAN BERNARDINO	30	38	1000	909	46152	341246	1180341	23330	14414	
2	CA	SAN DIEGO	8	8	14.9	226	80224	325017	1171456	24515	3087	
6	CA	SAN DIEGO	10	10	11	205	74985	325020	1171456	19575	2948	
8	CA	SAN DIEGO	51	18	355	576	39587	324150	1165604	29082	2910	
7	CA	SAN DIEGO	69	19	323	598	65036	324147	1165607	29443	3106	
4	CA	SAN DIEGO	15	30	350	567	33507	324153	1165603	27819	3013	
7	CA	SAN DIEGO	39	40	370	563	68010	324148	1165606	26970	2968	
0	CA	SAN FRANCISCO	7	7	21	509	74465	374520	1222705	32516	6516	
9	CA	SAN FRANCISCO	20	19	383	418	19024	374519	1222706	22989	6360	
1	CA	SAN FRANCISCO	26	27	500	403	67202	374112	1222603	21218	6116	
2	CA	SAN FRANCISCO	5	29	1000	506	74813	374520	1222705	36730	7115	
0	CA	SAN FRANCISCO	9	30	709	509	74814	374519	1222706	33404	6593	
5	CA	SAN FRANCISCO	32	33	50	491	74815	374520	1222705	16151	5924	
6	CA	SAN FRANCISCO	4	38	712	446	74655	374519	1222706	23165	6338	

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6	CA	SAN FRANCISCO	38	39	1000	428	29544	374519	1222706	24293	6266	
9	CA	SAN FRANCISCO	44	45	400	446	27801	374519	1222706	19753	6005	
8	CA	SAN FRANCISCO	14	51	476	701	28493	372957	1215216	19534	6377	
0	CA	SAN JOSE	11	12	103	377	64426	374107	1222601	36145	6703	
4	CA	SAN JOSE	36	36	740	668	74585	372917	1215159	28576	6601	
4	CA	SAN JOSE	65	41	1000	418	60706	374115	1222601	23495	6250	
7	CA	SAN JOSE	48	49	257	688	38067	372957	1215216	21071	6083	
3	CA	SAN JOSE	54	50	290	662	34197	372917	1215159	16608	6021	
4	CA	SAN LUIS OBISPO	6	15	1000	515	28386	352137	1203918	30360	439	
0	CA	SAN LUIS OBISPO	33	34	82	441	44369	352138	1203921	18410	410	
2	CA	SAN MATEO	60	43	536	428	44617	374519	1222706	20821	6089	
3	CA	SANGER	59	36	372	600	43974	370437	1192601	27078	1440	
4	CA	SANTA ANA	40	23	50	900	39876	341327	1180344	21304	13620	
4	CA	SANTA BARBARA	38	21	1000	923	33205	343128	1195735	36089	1343	
7	CA	SANTA BARBARA	3	27	699	917	74818	343132	1195728	42071	1298	
5	CA	SANTA MARIA	12	19	188	591	74819	345437	1201108	26167	413	
0	CA	SANTA ROSA	50	32	19.9	928	72086	384010	1223752	18189	742	
0	CA	STOCKTON	13	25	1000	594	32519	381424	1213003	39491	6024	
1	CA	STOCKTON	64	26	425	599	71124	381424	1213003	27821	4135	
2	CA	STOCKTON	58	46	600	580		381554	1212924	32953	4769	
9	CA	TWENTYNINE PALMS		23	150	784	36709	340217	1164847	20848	1940	
9	CA	VALLEJO	66	34	150	419	39592	374519	1222706	17320	5876	
0	CA	VENTURA	57	49	1000	937	65163	341335	1180357	34730	15072	
8	CA	VISALIA	26	28	219	763	28096	364002	1185242	30550	1433	
0	CA	VISALIA	49	50	185	834		361714	1185017	31085	1753	
4	CA	WATSONVILLE	25	25	81.1	699	70678	364522	1213004	17432	1895	
9	CO	BOULDER	14	15	200	351	66988	394017	1051306	21679	2934	
5	CO	BROOMFIELD	12	13	34.4	730	80221	394055	1052949	33459	3042	
1	CO	CASTLE ROCK	53	46	300	178	30026	392557	1043918	13108	2332	
7	CO	COLORADO SPRINGS	11	10	20.1	725	20589	384441	1045141	29268	959	
1	CO	COLORADO SPRINGS	21	22	51	641	44318	384443	1045140	22342	1109	
9	CO	COLORADO SPRINGS	13	24	459	652	74820	384445	1045138	30518	2149	
5	CO	DENVER	7	7	37.4	295	74403	394350	1051353	24932	2899	
4	CO	DENVER	9	9	39.6	318	74392	394350	1051353	25732	2925	

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0	CO	DENVER	6	18	1000	292	74821	394349	1051500	25306	2939	
1	CO	DENVER	20	19	1000	295	44187	394350	1051353	24975	2948	
6	CO	DENVER	31	32	1000	314	30041	394345	1051412	23205	2875	
3	CO	DENVER	2	34	1000	318		394358	1051408	26818	2981	
3	CO	DENVER	4	35	1000	373	44452	394351	1051354	25932	2957	
6	CO	DENVER	41	40	74.8	344		393559	1051235	17700	2624	
5	CO	DENVER	59	43	145	356	74822	394024	1051303	17347	2700	
4	CO	DENVER	50	51	900	233	36173	394358	1051408	19718	2711	
9	CO	DURANGO	6	15	46	90	44437	371546	1075358	8794	91	
4	CO	DURANGO		20	46	130	65291	371546	1075358	7843	65	
3	CO	DURANGO	33	33	50	122	75068	371546	1075345	6607	54	
5	CO	FORT COLLINS	22	21	1000	233		403832	1044905	25510	1284	
8	CO	GLENWOOD SPRINGS	3	23	16.1	771	71566	392507	1072206	14435	82	
6	CO	GRAND JUNCTION	5	2	0.8	28	29734	390517	1083358	7398	116	
3	CO	GRAND JUNCTION	8	7	9.7	829	74825	390255	1081506	31964	185	
6	CO	GRAND JUNCTION	11	12	5.3	452	44527	390400	1084445	17986	138	
7	CO	GRAND JUNCTION	4	15	71.5	407	29771	390358	1084446	12155	130	
2	CO	GRAND JUNCTION	18	18	51.2	883	74404	390314	1081513	19336	121	
5	CO	LONGMONT	25	29	540	379	71598	400559	1045402	24252	2839	
9	CO	MONTROSE	10	13	2.6	35	29766	383102	1075112	7576	53	
0	CO	PUEBLO	8	8	20.3	727	74992	384444	1045139	29601	900	
4	CO	PUEBLO	5	42	880	660	68141	384442	1045139	31089	765	
3	CO	STEAMBOAT SPRINGS	24	10	0.481	175	44199	402743	1065057	6228	29	
8	CO	STERLING	3	23	599	204		403457	1030156	21554	73	
3	CT	BRIDGEPORT	43	42	1000	156		412143	730648	18461	5591	
4	CT	BRIDGEPORT	49	49	50	222	74586	411643	731108	10597	3792	
7	CT	HARTFORD	61	31	380	506	66902	414213	724957	23488	3645	
5	CT	HARTFORD	3	33	1000	289	44846	414630	724820	21115	3536	
2	CT	HARTFORD	24	45	465	505	65933	414213	724957	26813	4226	
2	CT	HARTFORD	18	46	217	269		414630	724804	16467	3302	
0	CT	NEW BRITAIN	30	35	250	434	65777	414202	724957	24346	4252	
5	CT	NEW HAVEN	65	6	0.4	88		411942	725425	9068	2713	
9	CT	NEW HAVEN	8	10	20.5	342	65037	412522	725706	25647	6215	
1	CT	NEW HAVEN	59	39	170	301	46284	412522	725706	17709	4376	

ty	State and City		NTSC	DTV								
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30	CT	NEW LONDON	26	26	76	368	80220	412503	721155	18575	3333	
07	CT	NORWICH	53	9	3.2	192	75021	413114	721003	11997	1198	
60	CT	WATERBURY	20	20	58.5	515	74364	414213	724957	21645	3935	
51	DC	WASHINGTON	7	7	15	254	74539	385701	770447	22296	7065	
93	DC	WASHINGTON	9	9	17	254	74506	385701	770447	22544	7075	
70	DC	WASHINGTON	26	27	90	254	66360	385701	770447	16086	6626	
72	DC	WASHINGTON	32	33	100	254		385701	770447	17550	6781	
57	DC	WASHINGTON	20	35	500	254		385701	770447	21882	7046	
07	DC	WASHINGTON	5	36	1000	235	74830	385721	770457	22214	7092	
04	DC	WASHINGTON	4	48	1000	237	74831	385624	770454	22223	7074	
76	DC	WASHINGTON	50	50	123	253		385744	770136	17031	6767	
55	DE	SEAFORD	64	44	98	196	66096	383915	753642	11086	465	
58	DE	WILMINGTON	12	12	9.9	294	74622	400230	751424	21656	7752	
54	DE	WILMINGTON	61	31	200	374	39302	400230	751411	18478	6836	
99	FL	BOCA RATON	63	40	1000	310		255934	801027	29971	4925	
11	FL	BRADENTON	66	42	210	476		274910	821539	28906	3722	
09	FL	CAPE CORAL	36	35	930	404	67859	264742	814805	28363	1378	
55	FL	CLEARWATER	22	21	1000	409	32885	274910	821539	26800	3503	
55	FL	CLERMONT	18	17	1000	472	38022	283512	810458	36917	3225	
54	FL	COCOA	68	30	182	491	38429	283635	810335	26292	2631	
52	FL	COCOA	52	51	50	514		283512	810458	23814	2623	
38	FL	DAYTONA BEACH	2	11	54.9	511	41527	283635	810335	43816	3125	
11	FL	DAYTONA BEACH	26	49	150	459		285516	811909	25951	2645	
99	FL	DESTIN		48	1000	318	65951	305952	864313	23444	743	
11	FL	FORT LAUDERDALE	51	30	329	304	74587	255909	801137	20549	4770	
13	FL	FORT MYERS	11	9	20	451		264801	814548	37693	1562	
56	FL	FORT MYERS	20	15	1000	454	59198	264921	814554	36098	1643	
38	FL	FORT MYERS	30	31	50	293	74833	264854	814544	17120	943	
56	FL	FORT PIERCE	34	34	522	438	75041	270719	802320	28293	2144	
56	FL	FORT PIERCE	21	38	765	297	71509	270132	801043	22636	2117	
00	FL	FORT WALTON BEACH	53	40	33.5	219	29918	302409	865935	11996	581	
38	FL	FORT WALTON BEACH	58	49	50	59	74834	302343	863011	3785	163	
14	FL	FORT WALTON BEACH	35	50	1000	221		302346	865913	21954	689	
56	FL	GAINESVILLE	29	9	3.2	278	75127	293747	823425	18401	500	

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93	FL	GAINESVILLE	20	16	344	254	70423	293211	822400	18598	793	
40	FL	GAINESVILLE	5	36	1000	263		294234	822340	26470	1150	
27	FL	HIGH SPRINGS	53	28	168	265	73079	293747	823424	17693	635	
66	FL	HOLLYWOOD	69	47	575	297	43915	255909	801137	21946	4801	
80	FL	JACKSONVILLE	7	7	16.2	288	74527	301651	813412	25919	1314	
46	FL	JACKSONVILLE	12	13	25	310		301624	813313	31176	1381	
76	FL	JACKSONVILLE	47	19	1000	291	42083	301651	813412	27268	1345	
99	FL	JACKSONVILLE	30	32	1000	291	42562	301651	813412	25771	1324	
2	FL	JACKSONVILLE	17	34	1000	283	29378	301636	813347	24697	1308	
6	FL	JACKSONVILLE	4	42	976	294	41583	301624	813313	26562	1329	
9	FL	JACKSONVILLE	59	44	715	235	69233	301634	813353	19675	1267	
53	FL	KEY WEST	22	3	1	62		243318	814807	9983	45	
87	FL	KEY WEST	8	8	3.2	33	74365	243419	814425	5713	45	
90	FL	LAKE WORTH	67	36	1000	385	43353	263520	801244	28708	4345	
9	FL	LAKELAND	32	19	1000	458		274910	821539	41503	4346	
18	FL	LEESBURG	55	40	1000	514	32830	283511	810458	37186	3155	
81	FL	LEESBURG	45	46	1000	472	59171	283512	810458	31806	3050	
45	FL	LIVE OAK	57	48	1000	597		304051	835821	44034	970	
94	FL	MARIANNA	51	51	50	254	74785	303042	852917	13673	278	
02	FL	MELBOURNE	43	43	1000	300	74433	281822	805445	23789	2340	
02	FL	MELBOURNE	56	48	1000	456	67869	280537	810728	31239	2955	
40	FL	MIAMI	7	7	145	291	80184	255749	801244	36091	5031	
13	FL	MIAMI	10	10	30	294	74350	255759	801244	27703	4931	
56	FL	MIAMI	2	18	1000	309	30258	255730	801244	26169	4906	
03	FL	MIAMI	39	19	1000	239	67745	255807	801320	20430	4771	
58	FL	MIAMI	17	20	625	301	42558	255846	801146	23263	4880	
02	FL	MIAMI	4	22	1000	298		255807	801320	31232	4922	
80	FL	MIAMI	23	23	485	257	74466	255807	801320	18379	4714	
54	FL	MIAMI	6	31	1000	311		255807	801320	30510	4920	
97	FL	MIAMI	33	32	1000	263	41330	255802	801234	21017	4771	
08	FL	MIAMI	35	35	242	282	74993	255909	801137	18162	4564	
71	FL	MIAMI	45	46	500	308	36387	255934	801027	19031	4815	
83	FL	NAPLES	26	41	1000	454	59197	264921	814554	32033	1491	
04	FL	NAPLES	46	45	1000	456	33429	264708	814740	28232	1369	

y	State and City		NTSC	DTV								
			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDDMMSS)	Area (sq km)	Population (thousand)	% Int Re
71	FL	NEW SMYRNA BEACH	15	33	308	491	59744	283635	810335	28477	2677	
51	FL	OCALA	51	31	500	259	39152	292132	821943	19210	910	
03	FL	ORANGE PARK	25	10	12	298		301624	813313	26958	1318	
25	FL	ORLANDO	35	22	1000	392	28032	283613	810511	34755	2981	
55	FL	ORLANDO	24	23	950	380	40155	283608	810537	32898	2991	
03	FL	ORLANDO	6	26	547	516	71980	283635	810335	35732	2960	
54	FL	ORLANDO	27	27	247	477		283407	810316	32237	2872	
76	FL	ORLANDO	9	39	1000	492		283407	810316	40585	3220	
40	FL	ORLANDO	65	41	1000	515		283635	810335	40291	3165	
23	FL	PALM BEACH	61	49	800	125	44853	264547	801219	13671	2395	
36	FL	PANAMA CITY	7	7	52	244	74969	302600	852451	25857	372	
42	FL	PANAMA CITY	28	9	2.3	142	67964	302342	853202	12161	238	
08	FL	PANAMA CITY	13	13	35.5	405	74426	302108	852328	32536	721	
03	FL	PANAMA CITY	56	38	49.2	137		302202	855528	12069	275	
54	FL	PANAMA CITY BEACH	46	47	50	59	74838	301059	854642	5037	154	
53	FL	PENSACOLA	3	17	1000	579		303645	873843	47474	1408	
1	FL	PENSACOLA	23	31	1000	549	38343	303640	873626	33333	1253	
04	FL	PENSACOLA	33	34	1000	415	33836	303735	873850	27979	1210	
0	FL	PENSACOLA	44	45	1000	457	42957	303516	873313	28956	1244	
51	FL	SARASOTA	40	24	116	233		273321	822149	15298	2563	
90	FL	ST. PETERSBURG	10	10	18.5	440	74467	281104	824539	31248	3396	
08	FL	ST. PETERSBURG	38	38	1000	438	70212	275032	821546	30498	3664	
2	FL	ST. PETERSBURG	44	44	463	452		275052	821548	32510	3887	
29	FL	STUART		44	773	80		264337	800448	14826	2240	
55	FL	TALLAHASSEE		24	24	39	65784	302940	842503	5304	304	
55	FL	TALLAHASSEE	27	27	1000	487		304006	835810	41970	951	
01	FL	TALLAHASSEE	11	32	938	237		302131	843638	25384	516	
08	FL	TALLAHASSEE	40	40	1000	600	70213	304051	835821	38436	784	
02	FL	TAMPA	8	7	19	465		275032	821545	37491	4250	
09	FL	TAMPA	13	12	72.3	436	17613	274908	821426	42687	4205	
08	FL	TAMPA	3	13	17.1	473	75058	274948	821559	36363	4123	
08	FL	TAMPA	28	29	987	475	67821	275032	821545	38497	4186	
08	FL	TAMPA	16	34	475	453		275052	821548	32898	3939	
09	FL	TAMPA	50	47	500	317	59290	275032	821545	22988	3453	

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8	FL	TEQUESTA	25	16	1000	454	29425	270717	802342	33467	2807	
0	FL	TICE	49	33	1000	429	32880	264708	814741	27350	1275	
8	FL	VENICE	62	25	750	472	39529	274910	821539	32426	3786	
3	FL	WEST PALM BEACH	5	12	13.4	387	74623	263520	801243	29999	4818	
7	FL	WEST PALM BEACH	12	13	29.5	291	39117	263518	801230	28983	4782	
4	FL	WEST PALM BEACH	42	27	400	440	44609	263437	801432	26429	4992	
6	FL	WEST PALM BEACH	29	28	630	458	38600	263437	801432	31715	5137	
3	GA	ALBANY	10	10	18.2	272	74405	311952	835144	24614	626	
5	GA	ALBANY	31	12	60	287	38373	311952	835143	28865	746	
8	GA	ATHENS	8	8	15.6	305	74366	334818	840840	24589	4507	
3	GA	ATHENS	34	48	1000	310		334826	842022	27603	4694	
3	GA	ATLANTA	11	10	80	303		334524	841955	34627	4867	
0	GA	ATLANTA	46	19	1000	329		334826	842022	32016	4822	
3	GA	ATLANTA	17	20	1000	310		334826	842022	30474	4766	
0	GA	ATLANTA	30	21	50	334	74839	334535	842007	17636	4101	
9	GA	ATLANTA	36	25	500	332		334826	842022	26868	4612	
9	GA	ATLANTA	5	27	1000	332		334751	842002	30601	4773	
0	GA	ATLANTA	2	39	1000	301	65852	334551	842142	27454	4618	
6	GA	ATLANTA	57	41	165	319		340359	842717	20717	4373	
0	GA	ATLANTA	69	43	1000	335		334440	842136	29766	4733	
7	GA	AUGUSTA	12	12	20.2	485	74489	332429	815036	37025	1357	
9	GA	AUGUSTA	26	30	400	483		332420	815001	34939	1259	
0	GA	AUGUSTA	6	42	1000	507		332420	815001	40539	1454	
8	GA	AUGUSTA	54	51	37	363	67958	332500	815006	16372	615	
6	GA	BAINBRIDGE	49	49	226	597		304051	835821	34589	873	
6	GA	BAXLEY	34	35	650	454		320335	812043	36067	827	
6	GA	BRUNSWICK	21	24	500	418	75243	304939	814427	29155	1290	
2	GA	CHATSWORTH	18	33	426	537	32774	344506	844254	27651	2782	
5	GA	COCHRAN	29	7	22	369		322811	831517	32901	784	
5	GA	COLUMBUS	9	9	1	503	70342	321925	844646	22410	642	
9	GA	COLUMBUS	3	15	1000	449		321925	844646	39904	1113	
8	GA	COLUMBUS	28	23	250	462	33233	325108	844204	27151	1332	
9	GA	COLUMBUS	38	35	50	399	74840	322728	845308	21298	660	
2	GA	COLUMBUS	54	49	500	312	67961	322739	845243	19986	638	

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7	GA	CORDELE	55	51	200	109		315335	834818	14405	356	
5	GA	DALTON	23	16	300	425	28422	345707	852258	24445	1157	
0	GA	DAWSON	25	8	6	313	44505	315615	843315	19618	471	
1	GA	MACON	13	13	30	238		324510	833332	27301	820	
2	GA	MACON	24	16	1000	216	77955	324458	833335	21248	676	
7	GA	MACON	41	40	110	189		324512	833346	15105	538	
8	GA	MACON	64	45	1000	223	60980	324551	833332	19160	655	
8	GA	MONROE	63	44	700	303		334441	842136	25422	4531	
7	GA	PELHAM	14	6	3.8	474	74339	304013	835626	30535	844	
8	GA	PERRY	58	32	50	247	74842	324509	833335	15647	553	
9	GA	ROME	14	51	1000	622	32746	341848	843855	35465	5192	
7	GA	SAVANNAH	9	9	15.2	320	80230	320848	813705	28965	759	
0	GA	SAVANNAH	11	11	14.8	420	74380	320314	812101	28682	752	
4	GA	SAVANNAH	22	22	166	436	74457	320330	812020	25120	667	
2	GA	SAVANNAH	3	39	1000	442		320331	811755	37667	832	
0	GA	THOMASVILLE	6	46	1000	619		304013	835626	45196	972	
9	GA	TOCCOA	32	24	600	209		343644	832205	20917	1161	
5	GA	VALDOSTA	44	43	50	253	40583	311018	832157	13316	328	
9	GA	WAYCROSS	8	8	20	286		311317	823424	28624	426	
7	GA	WRENS	20	6	30	436	74332	331533	821709	25555	782	
4	HI	HILO	9	9	3.2	33	74970	194300	1550813	10655	79	
6	HI	HILO	11	11	3.35	33	74440	194357	1550404	5336	78	
4	HI	HILO	13	13	3.73	1	74413	194357	1550404	6703	79	
6	HI	HILO	2	22	8	1	44792	194351	1550411	1638	64	
3	HI	HILO	14	23	35	33	28420	194300	1550813	7064	78	
4	HI	HONOLULU	2	8	7.2	1		211746	1575036	11570	817	
7	HI	HONOLULU	9	9	7	33	74971	211746	1575036	9210	826	
1	HI	HONOLULU	38	10	14.3	577	66350	212345	1580558	26942	812	
1	HI	HONOLULU	11	11	3.2	637	74414	212403	1580610	22766	862	
7	HI	HONOLULU	20	19	60.7	606	43104	212351	1580600	16294	788	
5	HI	HONOLULU	5	23	1000	629	74843	212403	1580610	31295	852	
6	HI	HONOLULU	26	27	262	580	45219	212345	1580558	14530	829	
6	HI	HONOLULU	14	31	50	33	28782	211849	1575143	6227	746	
5	HI	HONOLULU	32	33	49.6	1	77218	211849	1575143	5500	751	

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			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDDMMSS)	Area (sq km)	Population (thousand)	% In Re
67	HI	HONOLULU	13	35	550	33	74845	211709	1575019	10827	780	
48	HI	HONOLULU	4	40	85	1	68040	211737	1575034	4992	767	
25	HI	HONOLULU	44	43	6.46	577		212345	1580558	14133	764	
30	HI	KAILUA	50	50	50	632	74783	211949	1574524	25899	841	
64	HI	KAILUA KONA	6	25	700	871	66907	194316	1555515	42674	64	
33	HI	KANEOHE	66	41	297	632		211949	1574524	37079	778	
45	HI	WAILUKU	7	7	3.69	1809	74519	204241	1561526	44292	146	
28	HI	WAILUKU	10	10	3.2	1811	74479	204240	1561534	41025	131	
51	HI	WAILUKU	12	12	3.94	1664	75008	204216	1561635	30905	139	
59	HI	WAILUKU	15	16	50	1723	74846	204234	1561554	27836	135	
95	HI	WAILUKU	21	21	53.1	1298	75029	204058	1561907	28579	146	
20	HI	WAILUKU	3	24	72.4	1814		204241	1561535	48946	137	
4	HI	WAIMANALO	56	38	50	632	74789	211949	1574524	27066	843	
61	IA	AMES	5	5	3.91	613	74683	414947	933656	43150	987	
92	IA	AMES	23	23	246	613	74753	414947	933656	38510	952	
9	IA	AMES	34	34	50	150	75070	415849	934423	12603	598	
41	IA	BURLINGTON	26	41	500	388	29888	410808	904830	26895	855	
9	IA	CEDAR RAPIDS	9	9	19.2	607	74589	421859	915131	42342	970	
36	IA	CEDAR RAPIDS	28	27	1000	449	29380	420525	920513	33845	815	
56	IA	CEDAR RAPIDS	48	47	500	309		421717	915254	25135	694	
35	IA	CEDAR RAPIDS	2	51	500	585		421859	915130	38136	900	
98	IA	COUNCIL BLUFFS	32	33	200	98		411515	955008	13206	816	
71	IA	DAVENPORT	36	34	150	102		412829	902645	12845	542	
35	IA	DAVENPORT	6	36	696	329		411844	902246	29295	999	
1	IA	DAVENPORT	18	49	1000	344	44477	411844	902245	28483	958	
0	IA	DES MOINES	8	8	29.4	566	74490	414835	933716	43178	984	
92	IA	DES MOINES	11	11	19.8	600	75043	414833	933653	43085	983	
21	IA	DES MOINES	13	13	36.1	609	74427	414947	933656	47702	1038	
27	IA	DES MOINES	17	16	500	612	39534	414947	933656	40497	974	
5	IA	DES MOINES		31	628	589	74639	414947	933656	37868	947	
25	IA	DUBUQUE	40	43	800	262	39740	423109	903711	19008	305	
90	IA	FORT DODGE	21	25	600	363		424903	942441	31286	337	
95	IA	IOWA CITY	12	12	17.8	439	75030	414315	912030	35044	1110	
96	IA	IOWA CITY	20	25	1000	419	39521	414329	912110	33132	1058	

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			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDDMMSS)	Area (sq km)	Population (thousand)	Re
6	IA	MASON CITY	24	18	500	437	41152	432220	924959	30335	598	
2	IA	MASON CITY	3	42	1000	447		432220	924959	38283	717	
9	IA	NEWTON	39	39	116	154	74772	414905	931232	11998	651	
0	IA	OTTUMWA	15	15	50	332	74372	411142	915715	17119	305	
5	IA	RED OAK	36	35	600	475	32182	412040	951521	30526	932	
5	IA	SIOUX CITY	9	9	22.3	616	74480	423512	961357	44501	639	
6	IA	SIOUX CITY	27	28	475	348		423053	961815	29270	353	
5	IA	SIOUX CITY	14	39	1000	611		423512	961319	45543	662	
0	IA	SIOUX CITY	4	41	873	609		423512	961318	44386	655	
1	IA	SIOUX CITY	44	44	914	587	75037	423512	961318	37919	553	
3	IA	WATERLOO	7	7	3.2	527	74624	422402	915036	29923	770	
5	IA	WATERLOO	22	22	80.9	198	74750	422453	920034	14283	453	
4	IA	WATERLOO	32	35	250	584		421859	915131	35668	869	
8	ID	BOISE	7	7	39.8	785	74994	434516	1160556	42508	556	
2	ID	BOISE	4	21	725	858	66936	434521	1160554	35287	552	
0	ID	BOISE	2	28	978	777	74847	434517	1160553	45215	558	
7	ID	BOISE	39	39	50	534	74773	434423	1160815	10348	464	
3	ID	CALDWELL	9	10	14	818	41421	434518	1160552	30230	551	
4	ID	COEUR D'ALENE	26	45	50	465	74848	474354	1164347	14948	548	
4	ID	FILER	19	18	50	161	74849	424347	1142452	13431	132	
8	ID	IDAHO FALLS	8	8	63	463		433003	1123936	42673	272	
8	ID	IDAHO FALLS	20	20	50	223	74745	434544	1115730	14669	165	
8	ID	IDAHO FALLS	3	36	200	457	28614	432951	1123950	22981	247	
2	ID	LEWISTON	3	32	200	361	29292	462727	1170556	16016	133	
2	ID	MOSCOW	12	12	78	340		464054	1165813	35130	238	
0	ID	NAMPA	12	12	17	829		434518	1160552	41395	555	
5	ID	NAMPA	6	24	823	811	74850	434520	1160555	45069	558	
5	ID	POCATELLO	15	15	251	327	74733	425150	1123110	16199	216	
0	ID	POCATELLO	10	17	190	465	74851	433002	1123936	29893	260	
0	ID	POCATELLO	6	23	505	452	28852	425515	1122044	24439	241	
0	ID	POCATELLO	31	31	72.3	447	75065	425515	1122044	12855	207	
0	ID	SUN VALLEY	5	32	1000	572	74711	432647	1141252	28884	161	
0	ID	TWIN FALLS	11	11	16.4	323	74393	424348	1142452	27640	152	
7	ID	TWIN FALLS	13	22	50	161	74852	424347	1142452	12892	124	

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55	ID	TWIN FALLS	35	34	21.7	152	66302	424342	1142443	7375	99	
39	IL	AURORA	60	50	172	509	74684	415244	873808	23585	9162	
75	IL	BLOOMINGTON	43	28	1000	293		403845	891045	30031	1013	
97	IL	CARBONDALE	8	8	14.1	271	74549	380611	891440	25125	737	
34	IL	CHAMPAIGN	15	41	950	375	68470	400411	875445	28692	921	
24	IL	CHAMPAIGN	3	48	1000	245		400621	882700	23439	761	
01	IL	CHARLESTON	51	50	255	146	69577	393415	881825	14097	449	
26	IL	CHICAGO	7	7	3.2	515	74590	415244	873810	29082	9389	
7	IL	CHICAGO	2	12	3.2	497		415244	873808	28938	9367	
5	IL	CHICAGO	9	19	645	453	39765	415244	873810	31644	9509	
79	IL	CHICAGO	20	21	98.9	378	33366	415356	873723	20833	8983	
28	IL	CHICAGO	26	27	160	510	45223	415244	873810	26125	9284	
05	IL	CHICAGO	5	29	350	508	31269	415244	873810	32116	9520	
1	IL	CHICAGO	32	31	690	475		415244	873810	37880	9711	
31	IL	CHICAGO	38	43	200	509	38347	415244	873808	26028	9256	
9	IL	CHICAGO	44	45	467	472	27856	415244	873810	28750	9402	
02	IL	CHICAGO	11	47	300	465	33534	415244	873810	27544	9338	
52	IL	DECATUR	17	18	350	375	29834	395707	884955	25571	913	
53	IL	DECATUR	23	22	253	401	46084	395656	885012	25397	918	
21	IL	EAST ST. LOUIS	46	47	187	345	74855	382318	902916	19175	2686	
89	IL	FREEPORT	23	23	50	219	74557	421748	891015	14184	909	
99	IL	HARRISBURG	3	34	1000	302		373650	885220	31461	703	
86	IL	JACKSONVILLE	14	15	75	295		393609	900247	19431	508	
98	IL	JOLIET	66	38	137	401	74605	415356	873723	19882	8980	
98	IL	LASALLE	35	10	16	403	28403	411651	885613	29036	2834	
37	IL	MACOMB	22	21	75	131		402354	904355	13181	224	
36	IL	MARION	27	17	800	213	41637	373326	890124	20778	529	
68	IL	MOLINE	24	23	80	269	45050	411844	902245	16674	596	
19	IL	MOLINE	8	38	1000	334		411844	902246	30696	927	
61	IL	MOUNT VERNON	13	21	1000	242	68044	383253	892917	22609	2280	
01	IL	OLNEY	16	19	46	284		385019	880747	17582	308	
66	IL	PEORIA	19	19	52.7	160	74550	403911	893514	12050	556	
01	IL	PEORIA	25	25	246	212	75203	403746	893253	17471	652	
21	IL	PEORIA	31	30	800	193	71928	403806	893219	19343	710	

ty	State and City		NTSC	DTV								
			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDDMMSS)	Area (sq km)	Population (thousand)	% In Re
30	IL	PEORIA	59	39	100	180		403834	893238	14576	599	
1	IL	PEORIA	47	46	190	216		403744	893412	17264	655	
75	IL	QUINCY	10	10	13.9	238	80231	395703	911954	25734	311	
93	IL	QUINCY	16	32	50	302	74856	395818	911942	17825	236	
61	IL	QUINCY	27	34	58.6	153		395841	911832	13012	184	
50	IL	ROCK ISLAND	4	4	3.88	408	74670	413249	902835	33309	983	
40	IL	ROCKFORD	13	13	12.4	216	80211	421750	891424	22246	1487	
45	IL	ROCKFORD	17	16	196	201		421714	891015	18378	1234	
98	IL	ROCKFORD	39	42	1000	149	40572	421726	890951	16227	1101	
6	IL	SPRINGFIELD	49	13	5.08	183	74606	394727	893053	19180	552	
66	IL	SPRINGFIELD	20	42	950	402	68475	394815	892740	29924	963	
99	IL	SPRINGFIELD	55	44	335	416		394757	892646	28977	881	
59	IL	URBANA	12	9	30	302		400218	884010	30142	1063	
4	IL	URBANA	27	26	507	138	44738	401846	875500	15153	385	
7	IN	ANGOLA	63	12	16.5	132	33342	412715	844810	17294	874	
6	IN	BLOOMINGTON	30	14	224	221	43429	390831	862943	17415	1005	
3	IN	BLOOMINGTON	63	27	165	310		392416	860837	22019	1993	
7	IN	BLOOMINGTON	42	42	391	297		392412	860850	23254	2054	
3	IN	BLOOMINGTON	4	48	870	337	66628	392427	860852	22528	2100	
7	IN	ELKHART	28	28	126	299		413658	861138	20179	1271	
2	IN	EVANSVILLE	9	9	30	285	74975	375901	871613	24887	793	
5	IN	EVANSVILLE	25	25	50	301		375157	873404	17960	632	
1	IN	EVANSVILLE	7	28	1000	273	39643	380127	872143	24657	765	
1	IN	EVANSVILLE	44	45	500	288		375317	873237	23639	730	
1	IN	EVANSVILLE	14	46	250	310		375314	873107	22329	711	
0	IN	FORT WAYNE	33	19	285	239		410538	851036	19941	1027	
5	IN	FORT WAYNE	21	24	335	224		410608	851105	20240	1052	
0	IN	FORT WAYNE	15	31	1000	242	66172	410538	851048	21871	1106	
0	IN	FORT WAYNE	55	36	1000	219	77897	410633	851142	19630	1048	
3	IN	FORT WAYNE	39	40	90	221		410613	851128	16043	835	
3	IN	GARY	56	17	300	290	46333	412056	872402	17974	6919	
2	IN	GARY	50	51	1000	523	30328	415244	873810	36200	9648	
4	IN	HAMMOND	62	36	50	455	20094	415244	873810	13905	7988	
9	IN	INDIANAPOLIS	8	9	19.5	284		395325	861220	25906	2472	

y	State and City		NTSC	DTV								
			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDDMMSS)	Area (sq km)	Population (thousand)	% Int Re
2	IN	INDIANAPOLIS	13	13	15.1	299	80212	395543	861055	26707	2510	
2	IN	INDIANAPOLIS	40	16	225	284	28275	395340	861221	19773	2154	
7	IN	INDIANAPOLIS	20	21	200	236	33405	395359	861201	16842	1912	
7	IN	INDIANAPOLIS	6	25	898	294		395357	861204	29468	2603	
8	IN	INDIANAPOLIS	69	44	215	167		395320	861207	14297	1830	
6	IN	INDIANAPOLIS	59	45	700	285		395320	861207	24873	2432	
6	IN	KOKOMO	29	29	624	285	75202	395320	861207	22949	2371	
4	IN	LAFAYETTE	18	11	30	214	46110	402320	863646	26854	2022	
2	IN	MARION	23	32	1000	271	33152	400856	855615	24181	2240	
6	IN	MUNCIE	49	23	79.1	246		400537	852332	17374	1494	
9	IN	RICHMOND	43	39	500	281	17601	393044	843809	20981	3107	
7	IN	SALEM	58	51	1000	390	43303	382100	855057	30937	1759	
3	IN	SOUTH BEND	22	22	203	325	74481	413700	861301	24469	1519	
1	IN	SOUTH BEND	34	35	50	333		413649	861120	18549	1202	
4	IN	SOUTH BEND	16	42	695	299		413620	861246	26344	1633	
7	IN	SOUTH BEND	46	48	300	295	30032	413543	860938	20015	1214	
5	IN	TERRE HAUTE	10	10	14.2	293	74468	391436	872307	26481	742	
6	IN	TERRE HAUTE	2	36	1000	248		391433	872329	24733	706	
7	IN	TERRE HAUTE	38	39	850	248		391433	872329	23495	664	
9	IN	VINCENNES	22	22	50	174	74592	383906	872837	11671	268	
3	KS	COLBY	4	17	1000	232		391509	1012109	26138	40	
5	KS	COLBY		19	500	384	67184	391431	1012138	28456	43	
2	KS	DERBY		46	570	276		374801	973129	23316	712	
8	KS	DODGE CITY	21	21	8.42	99		374933	1001040	8571	41	
4	KS	ENSIGN	6	6	20	198		373828	1002039	35374	155	
1	KS	GARDEN CITY	11	11	7.4	244	74394	374640	1005208	23078	136	
5	KS	GARDEN CITY	13	13	21.2	250	74415	373900	1004006	26607	139	
6	KS	GOODLAND	10	10	34.7	285	74373	392810	1013319	29681	45	
9	KS	GREAT BEND	2	22	1000	296	74857	382554	984618	30069	200	
5	KS	HAYS	7	7	10.3	216	74434	385301	992015	23256	93	
5	KS	HAYS	9	16	496	304	43521	384616	984416	26243	116	
1	KS	HOISINGTON	14	14	50	163	74728	383754	985052	13887	84	
5	KS	HUTCHINSON	8	8	9.28	244	75009	380321	974635	22260	672	
3	KS	HUTCHINSON	12	12	18.5	463	74428	380340	974549	36509	822	